

Yamaguchi, H.
THE SYNTHESIS OF N-SUBSTITUTED SULFAMATES
BY THE USE OF AMMONIUM IMIDODISULFONATE
Pt. 1 of N-Sulfonation of Amines. [1961] 8p.
Order from ATS \$13.30 ATS-14053J

Trans. of [Nihon] Kagaku Zasshi (Japan) 1961, v. 82,
no. 4, p. 483-486.

DESCRIPTORS: *Sulfamates, Synthesis, *Ammonium
radicals, *Sulfonates, Chemical reactions, *Amines.

(Chemistry--Organic, TT, v. 6, no. 8)

61-25377

I. Yamaguchi, H.
II. Title: N-Sulfonation...
III. ATS-14053J
IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Yamaguchi, H.
DETERMINATION OF THE CONSTITUENTS OF THE
REACTION PRODUCTS. II. 2 of N-Sulfonation of
Amines. [1961] 9p.

Order from ATS \$13.50 ATS-15N3J

Trans. of Nihon Kagaku Zasshi (Japan) 1961, v. 82,
no. 4, p. 486-490.

DESCRIPTORS: *Sulfonation, Chemical reactions,
*Amines, Sulfimides.

(Chemistry--Organic, TT, v. 6, no. 7)

61-25042

I. Yamaguchi, H.
II. Title: N-Sulfonation ...
III. ATS-15N3J
IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Behavior of Columbian Carbides and Columbian
Nitrides in St., K. Yanaguchi. —. et.

JAPANESE, per, Tetra to Hagino, Vol. XLIX,
No. 1, 1963, pp 538-540.

HB 5018

Sci-X/M
Jan 64

246,364

On Some Derivatives of Salicylanilino, by
Haruru Yamaguchi, 6 p.

JAPANESE, per, Nihon Kagaku Zasshi, 1952,
Vol LXXIII, pp 393-394.

SLA ¹59-17869

Sci
Feb 60
Vol 2, No 10

108,838

Studies on Calcium Tungstate Fluorescent
Substances, by N. Nishikawa, A. Watanabe,
M. Kagimoto, N. Yamaguchi, S. Kozu,
11 pp.

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Sect, Vol LVII, 1954, pp 530-533.

T.I.L./T 4574

Sci - Chemistry, x-ray fluorescence

May 1956

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Studies on the Hydrothermal Growth of Corundum
Single Crystals, by O. Yamaguchi.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 67,
No 10, 1964, pp 1499-1501.
ATB-JS-216

O. Yamaguchi

Sci-Chem
Mar 70

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Colitis Therapy Against Bacterial Dysentery
and Their Carriers, by I. Tsuchiya and S. Yam-
aguchi, 19 p.
JAPANESE, per, Shinden to Chiryō, Vol XLII, 1954,
pp 824-828.
SLA TT 65-18447

S. Yamaguchi

Sci-86M
Jun 66

303,092

Biological Studies on Bacterial Aneurinase. IV.
by T. Kishida, F. Makayama, S. Yamaguchi, 2 pp.

JAPANESE, per, Bitamin, Vol VI, No 5 Sep 1953,
pp 783-786.

SLA Tr 2708

Sci - Biology
Oct 57

54,083

Notes on Titanium Hydride Formed by Reaction of
Titanium With Acids, by S. Yamaguchi, R. Otsuka.

GERMAN, per, Z. Anorg Allg Chemie, Vol CCXCI, No 1-4,
Sep 1957, pp 131-133.

Brutcher Tr 4143
\$2.00

S-1 - Chem
Jul 58

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Effect of Retard Methods on the Creep
and Other Mechanical Properties of
Viscose Rayon II. Effect of the Fineness
of Filaments, by S. Yamaguchi. 7 pp.

JAPANESE, per. Japanese Journal of
Textile Machine Soc. Tokyo, 50,
pt 758-761.

ATS-04M42J

Sci
Vol IV, No 7
May 60

Crimp and Recovery Properties of Terylene,
by Shoaburo Yamaguchi, 14 pp.

JAPANESE, per, Textile Machinery
Society of Japan Journal, Vol XII,
No 2, 1959, pp 7-13.

SLA 60-18485

Sci
Vol IV, No 11
Jun 62

199,309

Powder-Metallurgical Analysis in the Ferrite
Manufacturing Process. Part 1. Outline of the
Manufacturing Process and Changes Taking Place
During Heating, by T. Yamaguchi,
JAPANESE, per, Fumai Oishi Furumatsuda,
Vol 9, No 6, 1962, pp 222-227.
ATS JS-151

Sci-Phys
Feb 66

Powder-Metallurgical Analysis in the Ferrite
Manufacturing Process. Part 3. Crystal Growth
of Ferrites, by T. Yamaguchi.
JAPANESE, per, Fental Oyobi Furutsuvelin.
Vol 11, No 2, 1964, pp 66-72.
ATS JS-153

Sci-Phys
Feb 69

373,856

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Powder-Metallurgical Analysis in the Ferrite
Manufacturing Process. Part 2. Properties of
Ferrite Powders, by I. Imaguchi.
JAPANESE, per, Funtai Gyoki Fumatsuyakin.
Vol 10, No 1, 1963, pp 7-12.
ATS JS-152

Sci-Phys
Feb 69

373,855

Yamauchi, S.
STUDY OF THE PRODUCTION OF FORMALDE-
HYDE FROM METHANOL. I. STUDY OF THE RE-
ACTION CONDITIONS (AIR-TO-METHANOL RATIO,
REACTION TEMPERATURE, SPACE VELOCITY)
IN THE PRODUCTION OF FORMALDEHYDE. [1961]
18p.
Order from ATS \$32.20 ATS-32N49]
Trans. of Yuki Gosei Kagaku Kyokai Shi (Japan) 1960,
v. 18, no. 8, p. 592-601.

(Engineering--Chemical, TT, v. 5, no. 11)

61-22118

1. Formaldehyde--Production
2. Methanol--Chemical
reactions
1. Yamauchi, S.
- II. ATS-32N49]
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

The Soviet Submarine Fleet in the Vicinity of Japan,
by YAMAGUCHI Suteji, 8 pp.

Full translation.

JAPANESE, no par, Tairiku Mondai, No 2, Feb 1952.

MI80/VE 72443

USSR; VE - Japan

Military - Submarines, Pacific Fleet

Powder-Metallurgical Analysis in the Ferrite Manufacturing Process, Pt 1, Outline of the Manufacturing Process and Changes Taking Place During Heating, by T. Yamaguchi, 9 p.

JAPANESE, per, Rontai Gyoji Fumatsuyakin, Vol II, No 6, 1962, pp 222-227.

ATS-24T90J

Sci-Engt
Jun 66

304, 462

Improved Open-hearth Refractories and Their Consumption When Injecting Oxygen, by K. Mizawa, T. Yamaguchi, et al.

JAPANESE, per, ~~Tetsu to Hagané~~, Vol XLVIII, No 11, 1962, pp 1322-1324.

HB 6146

Sci - M/M
Apr 64

235,969

Yamaguchi, T.
 SYNTHESIS OF PHOSPHORIC ACID BY THE
 WET METHOD (J. 1952) 6p
 Cited from ATS-59P60

ATS-59P60

Trans. of Japanese (published) patent no. 1422 (1957)
 appl. A 1956 54, pub. 27 Feb 57.

DESCRIPTION: Phosphoric acids, Manufacturing
 methods

Chemical Engineering, T.T. v. 8, no. 27

62-17301

- I. Title: Phosphoric acids
 (Phosphoric acids
 production)
1. Yamaguchi, T.
- II. Patent (Japan) pub. 12-1422
- III. ATS-59P60
- IV. Associated Technical
 Services, Inc.,
 East Orange, N. J.

(22182)

Office of Technical Services

Order from ATS \$18.60

ATS-30N48J

p. 636-640

(ENGINEERING CHEMICAL, III, v. 5 no. 12)

61-22015

- I. Petroleum--Processing
2. Catalysts--Applications
I. Yamaguchi, T.
II. Title: Throughput
III. ATS-30N48J
IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Yamaguchi, I.
CATALYST REGENERATION AND OPTIMUM CATA-
LYST PARTICLE-SIZE DISTRIBUTION. Pt. 5 of
Studies [on] Fluid Catalytic Cracking. [1961] 11p.
Order from AIS \$11.75 AIS-87N55]

Trans. of Sekiyu Gakkai Shi (Japan) 1961, v. 4, no. 1,
p. 29-33.

DESCRIPTORS *Catalysts, Particles, Petroleum,
Proceedings.

(Engineering - Chemical), ET, v. 6, no. 12)

61-25306

I. Yamaguchi, I.
II. Title: Studies ...
III. AIS-87N55]
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Studies on *Dirofilaria immitis*. Report No 5.
Prenatal Infection From *Microfilaria immitis*,
by S. Kume, T. Yamaguchi, S. Itagaki, 17 pp.

JAPANESE, per, Oyo Juigaku Zasshi, (Journal of
Applied Veterinary Medicine), Vol XVI, No 8,
Aug 1943, pp 1-9.

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Scientific - Medicine
CTS 70/Jul 55

25,580

The Change in Spermatogenesis Caused by Internal
Irradiation With Ce-137, by T. Kitabatake, T. Yamaguchi,
6 pp.

JAPANESE, per, Radiolactopes, Vol VIII, 1959,
pp 185-189.

AEC-Tr-6280

Sci-Nucl Sci

Mar 64

252,244

Yamaguchi, I., Takahashi, K. and others.
STATIC ELECTRIFICATION OF ELECTROPHOTO-
GRAPHIC LAYERS. [1962] 6p.
Order to: [ATS-515-50] [ATS-51557]

Trans. Chitose Shoin (Japan) 1964, v. 3, no. 1,
p. 12-13.

DESCRIPTORS: *Electrophotography, Photography,
Electrostatics.

(Miscellaneous Publications, 11, v. 9, no. 10)

62-12362

I. Yamaguchi, I.
II. Takahashi, K.
III. [ATS-51557]
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Yamaguchi, Tadashi and Amagasa, Masataka.
A STUDY ON THERMAL DEGRADATION PRODUCTS
OF POLYVINYL ALCOHOL. [1962] 14p. 3 refs.
Order from SLA \$1.60 62-16002

Trans. of Kobunshi Kagaku (Japan) 1961, v. 18, no. 198,
p. 645-652.

DESCRIPTORS: Polymers, *Vinyl alcohols, Pyrolysis,
Chemical analysis, Acetaldehydes, Benzaldehydes,
Acetophenones, Alcohols, Vinyl radicals.

In order to probe the mechanism of thermal decomposition of PVA, the residue from thermal decomposition of PVA and thermal decomposition products of PVA were investigated. There were some differences in quantity depending on whether the thermal decomposition took place in vacuum, in nitrogen current, or in the presence of air, but as decomposition products we (Chemistry--Organic, TT, v. 9, p. 1) (over)

62-16002

I. Yamaguchi, T.
II. Amagasa, M.

Office of Technical Services

Yamaguchi, Tadashi and Amagasa, Masataka.
THERMAL DEGRADATION MECHANISM OF POLY-
VINYL ALCOHOL. [1962] 6p. 4 refs.
Order from SLA \$1.10

62-16001

Trans. of Kobunshi Kagaku (Japan) 1961, v. 18, no. 198,
p. 653-655.

DESCRIPTORS: Polymers, *Vinyl alcohols, Pyrolysis,
Chemical reactions, Alcohols, Vinyl radicals.

The thermal degradation mechanism of polyvinyl alco-
hol (PVA) is discussed according to the results of in-
vestigation about colorisation and degradation at heat
treatment. (See also 62-16002)

(Chemistry--Organic, TT, v. 9, no. 1)

62-16001

I. Yamaguchi, T.
II. Amagasa, M.

Office of Technical Services

Abstract of Bulletin in the Translation of
April, 1954, by Hideo Nagao, Moriya K. Nishida,
Tamao Yamaguchi, 12 pp.

JAPANESE, pp. Kogyo Keizai Zasshi, Vol. 112, No. 1,
1954, pp. 1-12.

SLA 15275

Sci - Chem
Dec 59
Vol 2, No 4

102,755

The Hormonal Influence of the Parotid
Gland on Carbohydrate and Protein
Metabolism, by Yoshito Takaoka,
Tokizo Yamaguchi, Nobutero Yamada,
Kinori Kosaka, 9 pp.

GERMAN, per, Klinische Wochenschrift,
vol XXXII, No 15/16, 15 Apr 1954,
pp 369-375. (Reprint, excerpts only)

NIH 13,794

Scientific - Medicine

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(87-1506)

The Present Status of China's Iron Ore Deposits, by
Tomoyuki Yamaguchi, 45 pp.

JAPANESE, rpt.

JPRS 4554

Sci - Min/Met
FE - China

Econ

May 61

150,461

Yamaguchi, Y. and Oyanagi, K.
STUDIES ON THE LOAD CAUSED BY CONSTANT
AND REPEATED ELONGATION IN FIBERS. [1961]
13p. 6 refs.

Order from RIS \$40.00

RIS C-138

Trans. of Textile Machinery Soc[ety] of Japan.
[Journal] 1960, v. 13, no. 9, p. 637-643.

(Materials--Textiles, TT, v. 5, no. 11)

61-22189

- I. Synthetic fibers--Stresses
- I. Yamaguchi, Y.
- II. Oyanagi, K.
- III. RIS C-138
- IV. Research Information
Service, New York

Office of Technical Services

Doc - 1000 & 1000
Apr 64

2025 706

Yamaguchi, Yobei and Shishido, Toshio.
**THE CHANGE OF POLARIZATION EFFECT AND
RESISTANCE CAPACITY.** [Rept.] 1 of [Electrolytic
Conductivity of Fused Salts. (1963) 26p (figs omitted)
Srefs

Order from SLA \$2.60

TT-64-10143

Trans. of [Nihon Kagaku Zasshi] (Japan) 1938, v. 59,
p. 1311-1320.

DESCRIPTORS: *Fused materials, Salts, Electrical
conductance, Polarization, Resistance (Electrical),
Aluminum compounds, Chlorides, Sodium compounds,
Electrolysis.

(Chemistry--Physical, TT, v. 11, no. 5)

TT-64-10143

I. Yamaguchi, Y.
II. Shishido, T.
III. Title: Electrolytic ...

Office of Technical Services

Micronesian Isomidiacea (Biological Station, Otsu)
by Hisanao Yamaguti.

JAPANESE, per, Japanese Journal of Limnology,
Vol. IX, No 2, 1939, pp 98-106.

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Dept of Interior
209(900)qu34pr
No 739

Sci-Biol

248, 866

Feb 64

Internal Friction of Polycrystalline and Single-Crystal Ice, by D. Kuroiwa, K. Yamaji.

JAPANESE, per, Teion Kagaku, Vol XVIII, 1959, pp 97-114.

NLL M. 4605

Sci - Phys

Apr 62

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YamaH, T.

THE EFFECTS OF SULFUR COMPOUNDS ON THE
DECOMPOSITION OF TETRALIN HYDROPEROXIDE.
[1962] 9p.

Order from ATS \$11.10

ATS-56P58J

Trans. of Sekiyu Gakkai Shi (Japan) 1960, v. 3, no. 2,
p. 116-120.

DESCRIPTORS: *Hydroperoxides, Decomposition,
*Sulfur compounds.

(Chemistry--Organic, TT, v. 7, no. 11)

62-12309

I. YamaH, T.

II. ATS-56P58J

III. Associated Technical
Services, Inc., East
Orange, N. J.

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T YAMAKI

English Title Unknown, by T. Yamaki.

JAPANESE, per, Agriculture and Horticulture, Vol 33,
1958, pp 1165-1168.

*NTIS TT 72-53045

AUG 72

FINDING OF HANDWRITING EXPERTISE VIEWED AS
DECISIVE EVIDENCE, BY Z. D. YAMAKOVA, 8 PP.

RUSSIAN, BK, VOPROSY KRIMINALISTIKI I SUDEBNOY
EKSPERTIZY, DUSHANBE, 1962, PP 110-113.

JPRS 17445

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Internal Friction of Polycrystalline and
Single-Crystal Ice, by Daisuke Kuroiwa,
Kenji Yamaji, 11 pp.

JAPANESE, per, Low Temperature Science, Series
A., No 18, 1959, pp 1 97-114.

Amer Meteorol Soc X-J-32
170, 235

Sci - Geophys
Oct 61

Yamakawa, Yutaka.

STUDIES ON DIIPHENYLALKYLAMINE DERIVATIVES.
VI. 1,2-DIPHENYLBUTANOLAMINE DERIVATIVES.
[1961] 8p. 12 refs.

Order from SLA \$1.10

61-10222

Trans. in manuscript of [Yakugaku Zasshi] (Japan) 1960,
v. 80, Mar, p. 298-300.

DESCRIPTORS *Analgesics, Synthesis, Toxicity,
*Amines, Alkyl radicals, Phenyl radicals, Butanols,
Pharmacology.

(Biological Sciences: Pharmacology, TT, v. 6, no. 8)

61-10222

1. Yamakawa, Y.
12. Title: 1,2-Diphenyl
butanolamine.

Office of Technical Services

Results over a Three Year Period of X-Ray Treatment
of on Malignant Tumors, by Yasushiro Yamakawa, 6 pp.
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JAPANESE, per, Gann, Vol XX, No 3, 1926, pp 352-355

NIE

Scientific - Medicine

CTS/DEX

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Yamaki, Kiyoshi.

INTERACTION BETWEEN IONIC DYESTUFFS OF
OPPOSITE ELECTRIC CHARGES. [1963] 10p
(figs. tables omitted) refs

Order from SLA \$1.10

63-18514

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1962,
v. 65 [no. 11] p. 1861-1865.

DESCRIPTORS: *Dyes, *Chemical reactions, Ions,
*Methylene blue, Methanes, Complex compounds,
Vinyl chlorides, Surface-active substances, Surface
tension, Absorption spectrum, Chemical bonds,
Fibers (Synthetic).

The aqueous solutions of ionic dyestuffs of opposite
electric charges, orange II (anion and methylene blue
(cation), were mixed. To examine the interaction
which then takes place between these dyestuffs, the
(Chemistry--Organic, IT, v. 10, no. 11) (over)

63-18514

1. Title: Orange II
I. Yamaki, K.

Office of Technical Services

Improvement of the Shaping of Electrical Porcelain
by Means of Electric Current, by I. N. Popov, I
Ya. Yanakov, 8 pp.

RUSSIAN, per, Steklo i Keramika, Vol XIV,
No 8, 1957, pp 13-19.

Consultants Bureau

Sol

Jul 60

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Aging of Polyamide Films in Ligroine, by
K. M. Yamaleyev, et al.
RUSSIAN, per, Plast. Massy, No 3, 1969,
pp 58-59.
FTD HT Special 21-70

K. M. Yamaleyev
feb 70

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Differential Thermal Analysis of
Synthetic Polymers and its Application
to Paints Research, by A. Yamamoto.
JAPANESE, per. Shikata Kyoichi,
Vol XXXVI, pp 135-139, 1968. 9229929
SEC SC-T-15-742

A. Yamamoto

Sci-Pays
Oct 68

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Differential Thermal Analysis of Synthetic Polymers,
by Akira Yamamoto, 14 pp.

JAPANESE, per, Bunseki Kagaku, Vol XI, 1962,
pp 943-951. 9209197

AEC-TR-5768

Sci - Nucl Sci

Jul 63

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